CLAIMS

What is claimed is:

- 1. A surface light source device, comprising:
 - a transparent light guide plate;
 - at least a light source for emitting light, positioned adjacent to a corresponding edge surface of the light guide plate; and
 - at least a light source holder for fixing the light source;
 - wherein, the at least a light source holder and the light guide plate combine into one assembly.
- 2. The surface light source device as described in claim 1, wherein the at least a light source holder is made of silicon rubber.
- 3. The surface light source device as described in claim 1, wherein the at least a light source holder is integrated with the light guide plate by an injection-molding process.
- 4. The surface light source device as described in claim 1, wherein the at least a light source holder is attached to the light guide plate.
- 5. The surface light source device as described in claim 1, wherein a light source holder is provided at each corner of the light guide plate.
- 6. The surface light source device as described in claim 1, further comprising at least a reflector coupling with at least a light source holder and enclosing a corresponding light source on three sides.
- 7. The surface light source device as described in claim 6, wherein the reflector has at least a protrusion for engaging with at least an edge of at least one of the corresponding light source holders.

- 8. The surface light source device as described in claim 6, wherein the reflector is attached to the corresponding light source holders using screws or by bonding.
- 9. The surface light source device as described in claim 1, wherein the at least a light source holder has a hole for receiving an end of the at least a light source.
- 10. The surface light source device as described in claim 9, wherein a heat insulated spacer is installed between an inner surface of each hole and a corresponding end of the corresponding light source, and an inner diameter of the heat insulated spacer is slightly greater than a diameter of the end of the light source, and a diameter of the hole is slightly greater than an outer diameter of the heat insulated spacer.
- 11.A surface light source device, comprising:
 - a transparent light guide plate;
 - at least a light source for emitting light, positioned adjacent to a corresponding edge surface of the light guide plate; and
 - at least a light source holder for fixing the light source;
 - wherein, the at least a light source holder is integrally formed with the light guide plate by an injection-molding process.
- 12. The surface light source device as described in claim 11, wherein the at least a light source holder is made of silicon rubber.
- 13. The surface light source device as described in claim 11, wherein a light source holder is provided at each corner of the light guide plate.
- 14. The surface light source device as described in claim 13, wherein each light source holder has a hole for receiving a corresponding end of a corresponding light source.

- 15. The surface light source device as described in claim 14, wherein a heat insulated spacer is installed between an inner surface of each hole and a corresponding end of the corresponding light source, and an inner diameter of the heat insulated spacer is slightly greater than a diameter of the end of the light source, and a diameter of the hole is slightly greater than an outer diameter of the heat insulated spacer.
- 16. The surface light source device as described in claim 11, further comprising at least a reflector coupling with at least a light source holder and enclosing a corresponding light source on three sides.
- 17. The surface light source device as described in claim 16, wherein the reflector has at least a protrusion for engaging with at least an edge of at least one of the corresponding light source holders.
- 18. The surface light source device as described in claim 16, wherein the reflector is attached to the corresponding light source holders using screws or by bonding.
- 19.A method of making a liquid crystal display, comprising steps of:

 via a single injection-molding process, forming a transparent light guide plate

 with at least one light source holder integrally extending on an edge section of
 said light guide plate, wherein said light source holder defines a through hole
 along a lengthwise direction of said edge section; and
 inserting a tubular type light source into the through hole along said lengthwise
 direction.
- 20. The method as described in claim 19, further including a steps of assembling a reflector unto the light source holder opposite to said edge section and

enclosing said light source.